



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending June 19, 2016
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Varying amounts of precipitation were received across the state, resulting in **3.3 days suitable for fieldwork** during the week ending June 19, 2016, according to USDA's National Agricultural Statistics Service. In many parts of the state, the rains were beneficial and combined with warm temperatures to create good growing conditions. Some of the showers and thunderstorms produced heavy rains and hail. Select areas with excessive or frequent rains reported ponding in fields and yellowing of crops. Field activities for the week included haying and fertilizer and chemical applications.

Topsoil moisture supplies were rated 1 percent very short, 4 percent short, 74 percent adequate, and 21 percent surplus. **Subsoil moisture** supplies were rated 1 percent very short, 7 percent short, 73 percent adequate, and 19 percent surplus.

Minnesota's **corn** condition rated 79 percent good to excellent, up 1 percentage point from the previous week. **Soybean** condition rated 76 percent good to excellent, down 1 percentage point from the previous week. Nearly half of the **spring wheat** acreage was at or beyond the heading stage, 12 days ahead of the five-year average and 6 days ahead of last year. Spring wheat condition rated 64 percent good to excellent, down 4 percentage points from last week. Fifty-two percent of the **oat** crop was at or beyond the heading stage, 9 days ahead of average and slightly ahead of last year. Oat condition rated 83 percent good to excellent, up 3 percentage points from the previous week. Forty-one percent of the **barley** crop had headed, with condition rated at 65 percent good to excellent, down 6 percentage points from the previous week. The **dry edible bean** crop was nearly all emerged, with the crop condition rated 62 percent good to excellent. The first **sunflower** condition rating of the year was estimated at 1 percent very poor, 4 percent poor, 46 percent fair, 45 percent good, and 4 percent excellent. **Potato** and **sugarbeet** conditions both rated 88 percent good to excellent.

The first cutting of **alfalfa hay** was 83 percent complete, 10 days ahead of average. There were reports that the second cutting of alfalfa hay has begun. **All hay** condition rated 87 percent good to excellent, up 2 percentage points from last week. **Pasture** condition rated 82 percent good to excellent.

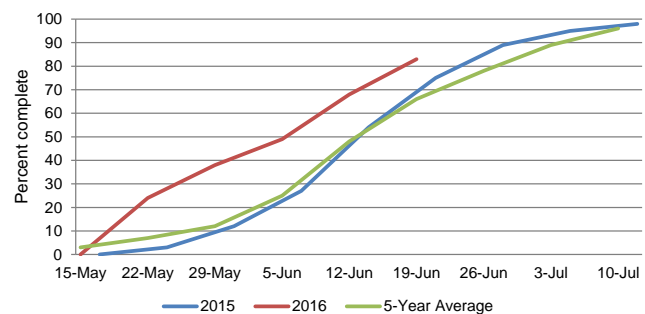
Soil Moisture Supplies as of June 19, 2016

	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	1	4	74	21
Subsoil moisture.....	1	7	73	19

Crop Condition as of June 19, 2016

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	1	10	24	55	10
Corn.....	0	2	19	61	18
Dry ed. beans	1	7	30	53	9
Hay, all.....	0	1	12	70	17
Oats.....	0	2	15	65	18
Pasture.....	0	3	15	65	17
Potatoes.....	0	2	10	65	23
Soybeans.....	0	3	21	61	15
Sugarbeets...	0	0	12	15	73
Sunflowers ...	1	4	46	45	4
Spring wheat	2	8	26	49	15

Alfalfa Hay, First Cutting - Minnesota

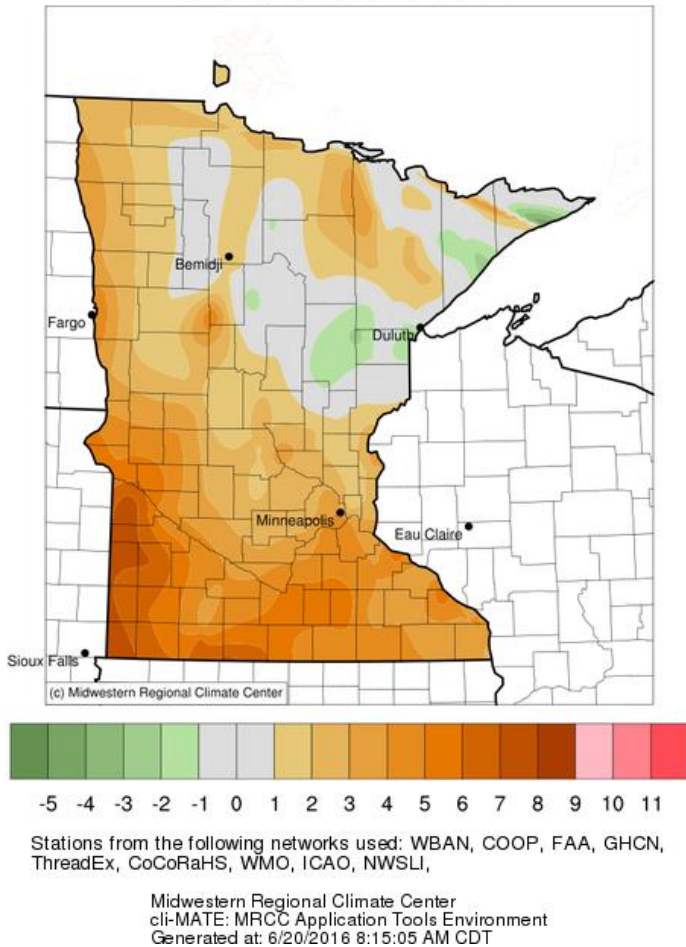


Crop Progress as of June 19, 2016

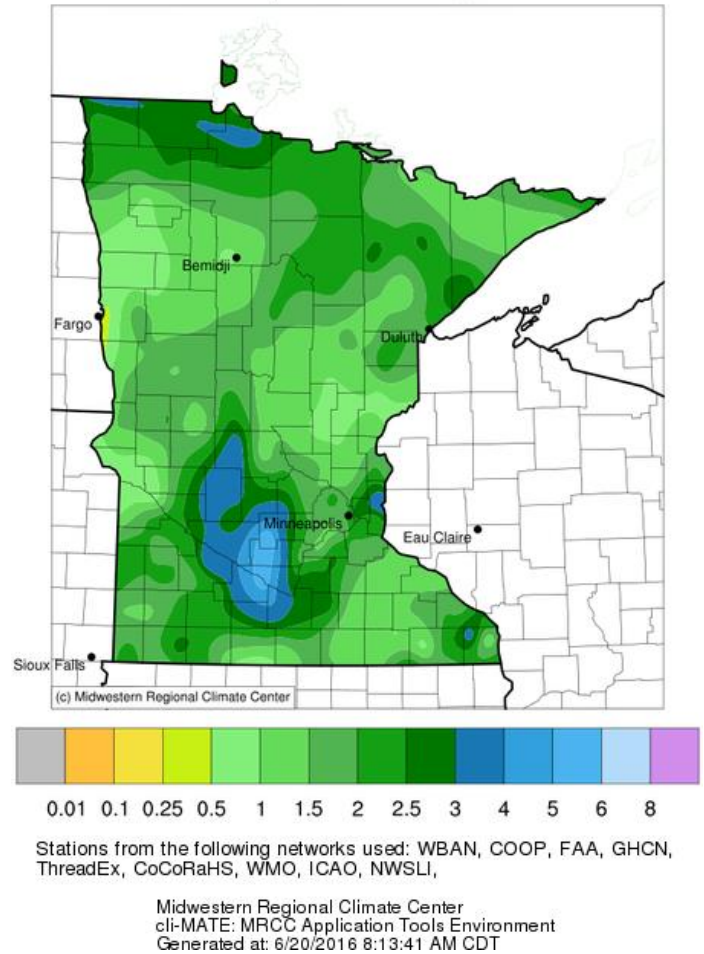
	This week	Last week	Last year	5-year average
	(percent)	(percent)	(percent)	(percent)
Days suitable for fieldwork.....	3.3	4.7	4.4	3.4
Barley jointing.....	80	71	94	57
Barley headed.....	41	10	25	21
Dry edible beans emerged.....	98	88	93	82
Hay, alfalfa, first cutting.....	83	68	69	66
Oats jointing.....	91	83	96	72
Oats headed.....	52	23	48	29
Spring wheat jointing.....	82	75	96	59
Spring wheat headed.....	48	12	19	20

Minnesota Temperatures and Precipitation for the week ending June 19, 2016

Average Temperature (°F): Departure from 1981-2010 Normals
June 13, 2016 to June 19, 2016



Accumulated Precipitation (in)
June 13, 2016 to June 19, 2016



National Weather Service data, courtesy of the Minnesota Department of Natural Resources State Climatology Office, is available at:
<http://www.dnr.state.mn.us/climate/historical/summary.html>

Growing Degree Days can be found at <https://mygeohub.org/groups/u2u/gdd>

Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>